

# Helix VX

## Gas-Fired, Wall Hung Modulating Condensing Boiler

- 95% AFUE
- 5:1 Turn Down Ratio
- VX Vertical Heat Exchanger
  - Patent Pending
  - Low Maintenance, Self-Cleaning
  - Designed in the U.S., for the U.S.
  - 150 psi MAWP
- Approved for PVC, CPVC and Polypropylene venting
- 15-Year Limited Warranty plus an industry-leading first year \$500 Heat Exchanger Labor Warranty





Innovative. Efficient. Dependable. Dunkirk.

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# Dunkírk VX Series

## Innovative.

The heat exchanger is the critical component of any boiler and is primarily responsible for efficiency and durability. At the heart of the 95% efficient VX is the Helix family's innovative, vertically mounted helical fin tube heat exchanger, made of 316L/444 stainless steel. The fins are laser welded onto the stainless tube resulting in greater strength and heat transfer capabilities.

#### VX Coil

The VX offers a round shape and a large diameter coil for better water flow and reduced scaling.

The vertically positioned VX heat exchanger coil drains away any debris and scale and in doing so is self cleaning.

# Efficient.

The Helix VX is 95% AFUE (Annual Fuel Utilization Efficiency) and has been awarded Energy Star Most Efficient status. The VX's advanced control automatically regulates boiler operation to ensure you are using the least amount of fuel possible.

The VX's control adjusts both the amount of gas being burned (modulation) as well as the boiler water temperature (outdoor reset). Gas burner modulation reduces your fuel cost by adjusting the fuel burned to meet the actual demands of your heating system. Rarely will your home require the full capacity of the VX and burning more gas than needed is bad for your budget and the environment. Outdoor Temperature Reset adjusts the boiler water temperature based on outdoor conditions. During cold periods, water temperature is increased. As it gets warmer, water temperature is lowered. Varying the water temperature reduces your fuel costs.

# The increased efficiency of the Dunkirk Helix VX could save up to 40% on heating bills annually.\*

The 95% AFUE efficiency of the Helix VX allows it to qualify for State, Federal and local Utility company rebates.\*\*

The average water heater is rated at .59 EF - Energy Factor, measure of the useful energy coming out of your water heater divided by the amount of energy consumed to heat domestic water. The typical water heater accounts for 18% of your fuel bill. One of the conveniences of heating with a boiler is the ability to use it to generate your domestic hot water. By pairing your 95% efficient VX with an H2O indirect water heater tank you will reduce your fuel consumption for heating hot water, increase the amount of hot water available and be protected with a lifetime tank warranty. Ask your heating contractor to replace your inefficient standalone hot water tank with an H2O.

# Dependable.

#### Dunkirk's Stainless Steel Heat Exchanger

- ASME certified to operate in applications up to 150 psi though the typical residential application is around 15 psi
- Every heat exchanger is tested up to 375 psi; this is 25 times the typical residential boiler system operating pressure
- Proven reliability with tens of thousands of successful U.S. boiler installations

#### Helix Quality

- · Every boiler is test-fired at the factory
- Complete combustion test is performed and a computer printout of the results are shipped with every boiler to ensure proper commissioning

#### 15 year Limited Manufacturer's Warranty

The VX heat exchanger is simply the finest ever designed and as such we provide the strongest factory warranty available. An additional first year leak-free heat exchanger coverage provides the original purchaser the right to select a new replacement VX boiler or heat exchanger at their choice, and receive a labor allowance of \$500.00 for the servicing contractor.



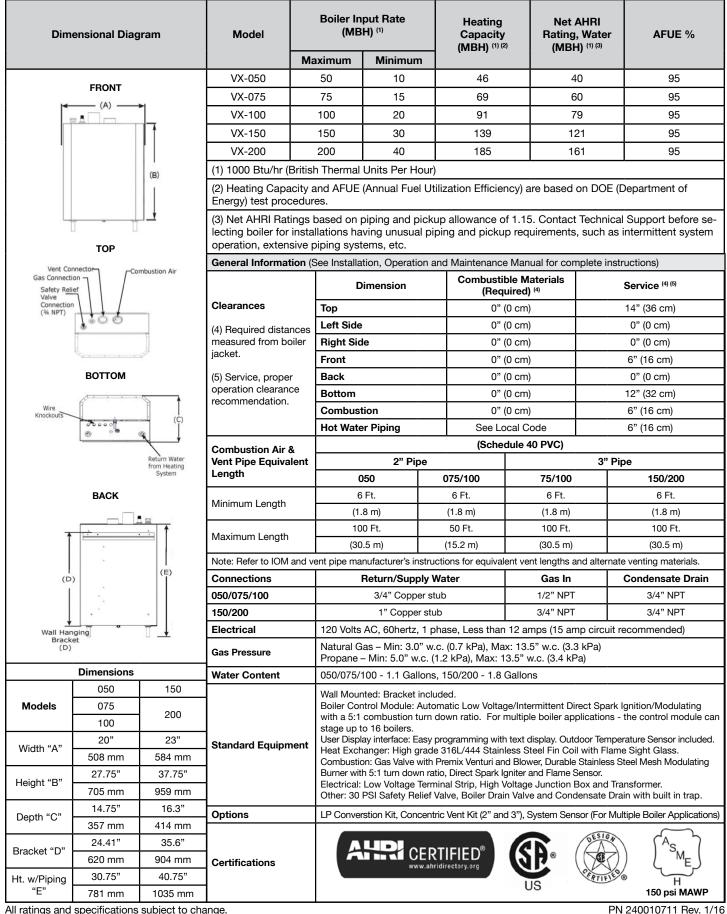
#### "The Helix VX wall hung, modulating condensing boiler is the latest addition to Dunkirk's Helix boiler family."

### Dunkírk VX Series



· Certified to ASME standards in ECR's factory

#### **Dunkirk VX Gas-Fired Modulating Condensing Hot Water Boiler**



All ratings and specifications subject to change.



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